

JUNE 2019

HPARC NEWSLETTER

High Point
Amateur Radio
Club



JUNE MEETING

The program for the June meeting will be last minute preparations for Field Day.

At the May meeting, David Macchiarolo discussed preparations for Field Day. We need everyone who will to come out and help us make this a great event. Field Day will be on June 22 and 23, 2019. Please

make your plans now to help out the HPARC. Field Day would be a good time to bring a friend or relative and introduce them to Ham Radio.

Bob Holmes, KM4CP, joined the HPARC at the May meeting. Bob is an Extra Class and resides in Greensboro with his wife Vicki. Give Bob a hearty

welcome to the club as I know you will.

As you already know, Sam Hall, K4AME became a silent key on May 2, 2019. The club will feel the loss for some time to come.

Remember Field Day and call David Macchiarolo if you can help in any way.

FIELD DAY 2019

Field Day will take place at the Moore Farm in Jamestown. This year's Field Day will be dedicated in memory of Sam Hall, K4AME who became a Silent Key on May 2.

We will meet at the Moore's on Friday, June 21 at 10:00 a.m. to put up dipoles. Contact David Macchiarolo if you can help.

Field Day will be June 22 and 23. After a short breakfast at Biscuitville on Saturday, June 23 at 8:00 a.m., we will head out to start setting up for Field Day. The official start for Field Day is 2:00 p.m.

Our club picnic will be around 6:00 p.m. on Saturday. Spouses, family members and friends are welcome to join us. We will pass around a list at the club meeting for members to sign up to bring an item or two for the picnic. Hot dogs are the normal main fare, so prepare accordingly if

you prefer something else.

The HPARC uses the program SQUIRL to log our Field Day contacts.



Directions to Field Day: from MLK Dr. (formerly Kivett Drive), turn onto Scientific Street. Go about .2 of a mile to Sherrill Road and turn right. Moore's farm is on the left just before the stop sign. Coming from Jamestown, turn onto Dillon Road. Come about a mile, and turn right onto

Sherrill Road. Moore's farm will be the first driveway on your right. Using one of the Internet map programs, use 3035 Sherrill Road as your ending destination. Hope everyone can make it.

Remember to bring your radios, extension cords, chairs and anything else you can think of that we may need.

If you have any questions, call or email David Macchiarolo or one of the HPARC officers (see back of newsletter).

**HPARC Meeting
June 6, 2019**

**Rancho's,
10463 North Main St,
Archdale, NC**

Meal at 6:30 p.m.
Business meeting at 7:00 p.m.

SAM HALL, K4AME, SK

It is with great sadness that I announce that Sam Hall, K4AME, became a silent key on May 2, 2019.

Sam has been an HPARC member since the mid-1970's. Sam was instrumental in

working on the autopatch and repeater power controller for the repeater on Elm Towers.

Sam was past President and Vice-President as well as holding several chairmanships on various HPARC committees.

As you can tell, Sam's blindness didn't stop him from doing pretty much anything he set his mind to.

This year's Field Day will be dedicated to his memory. Sam will be greatly missed.

ARRL'S FREE EXAM REVIEW FOR HAM RADIO UPDATED

ARRL Exam Review for Ham Radio (TM) has been updated in advance of the release of the ninth edition of The ARRL General Class License Manual for Ham Radio. ARRL Exam Review is a free online resource for use with current editions of ARRL License Manuals. The service can be accessed via a web browser, and uses the official examination question pools to construct chapter-by-chapter reviews. Upon completing study, Exam Review helps the license candidate take practice

exams with the same number and variety of questions that he or she will encounter on exam day. Practice tests can be taken over and over, scored in complete privacy, or even printed with an answer key. Exam Review includes quick feedback about the questions missed.

The update to Exam Review and the new edition General Class License Manual coincides with a new General Class question pool released earlier this year by the National Conference of Volunteer

Examiner Coordinators (NCVEC). The new 2019 - 2023 General Class question pool becomes effective on July 1, 2019 for examinations in the Amateur Radio Service. The 2015 - 2019 General Class pool remains in effect for exams given until June 30, 2019. ARRL Exam Review provides access to both the current and new General Class questions.

—*The ARRL Letter*,

May 2, 2019

Rick Lindquist, WW1ME,
Editor

RADIO WIZARDY

Radio Wizardry. The Asheville Radio Museum will be open on Saturdays from 1:00 p.m. – 3:00 p.m. during June through August 2019. We welcome visits from Hams, Ham club groups and families with children – especially those interested in Amateur Radio and how radio waves were discovered and made useful. Dozens and dozens of Ham and home radios on display, not to mention antique Morse code practice machines

and a Morse recorder, a spark gap transmitter, World War II radios (Gibson Girl, B17 bomber, Nazi propaganda), Asheville's 1930s first police car radio, Philco's 1930s mystery remote control for console radios, a replica of Marconi's first receiver and much more!

Admission and parking are free. Directions are on www.avlradiomuseum.org at the bottom of the home page. For group tours or additional information, please use the

contact form found near the directions.

Not able to drive to Asheville? Take our smart phone tour of two dozen interesting items on display. Download the free app from the link at the top of our home page. Many other Asheville tours also available using this app.

An interesting visit is guaranteed for all!

—Stuart Smolkin

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The HPARC Newsletter is published monthly by the High Point Amateur Radio Club (HPARC) for its members. The HPARC Newsletter serves as a source of information about Club activities, and general news items of interest to Amateur Radio. Opinions expressed herein are not necessarily those of the HPARC or its officers. Material in this newsletter may be reproduced provided the HPARC is properly credited.

Complimentary issues of the HPARC Newsletter are available by writing to the HPARC Newsletter at PO Box 4941, High Point, NC 27263 or emailing your request to w4ua@arrl.net. Subscriptions are available to non-members for \$12.00 a year. Contributions and letters/emails to the editor are welcome.

Membership is open in the HPARC to all licensed Amateur Radio operators. Membership is \$24.00 a year. Associate membership is also available to those who are interested in Amateur Radio but who do not currently hold a license. Associate membership is \$12.00 a year. Student membership is also available for \$12.00 a year.

The High Point Amateur Radio Club meets the first Monday of each month (except for holidays) at 6:30 p.m. at a local restaurant announced in the newsletter. The business meeting starts around 7:00 p.m. followed by a short program of interest. Family and visitors are welcome to attend. For more information, please call or email one of the HPARC officers listed in this newsletter.

LOOKING BACK AT HAMVENTION 2019

With Dayton Hamvention 2019 now in the books, we take a look back at some of the highlights. Before Hamvention even began, several groups held their own events on Thursday.

Contest University was a packed house once again this year, as were the Four Days in May QRP events. AMSAT sponsored its first Academy offering Hams a full day devoted to satellite operations.

On Friday, things started early with a long line of cars and a short period of rain. Elecraft announced a new HF radio, and the rain went away for a pleasant day at the Greene County Fairgrounds.

Dr. Tamitha Skov WX6SWW, the space weather woman - and Amateur Radio Newline's Science Correspondent - and Tim Cunningham N8DEU, the satellite guy, addressed instructors of Amateur Radio classes.

On Saturday, the sun showed up and brought the heat. Eight young speakers addressed the annual youth forum hosted by Carole Perry, WB2MGP, and there was a surprise guest: Jet Jurgensmeyer, KE0UWZ, who plays Boyd Baxter on the TV show *Last Man Standing*.

Meanwhile at the HamSCI area, talks covered radio propagation, the youth contesting

program and more. Sunday's temperatures dropped, but the wind arrived. The gates were blown wide open to the public and for the first time admission was free. There were plenty of activities and loads of prizes were given away.

Nearby, the Voice of America Museum set new attendance records with 330 visitors throughout Hamvention weekend. While the Hamvention official attendance wasn't available at the time Newline went to production, the crowds looked as good, if not better, than last year.

—*Amateur Radio Newline*,
Report 2169,
May 24, 2019

STARLINK SATELLITE FLARES

SpaceX has an idea: Surround the Earth with 12,000 satellites and provide broadband internet to every corner of the globe. The project is called Starlink—and it's getting started. The first 60 Starlink satellites were launched on May 23rd, creating a train of bright lights in the night sky. "It was one of the most spectacular things I have ever seen," reports Marco Langbroek of Leiden, the Netherlands, who made a video the night after the launch:

"I could see the entire train of satellites with the unaided eye," he says.

Since then, sky watchers have been catching the "Starlink Train" often by accident. "I saw it last night around 9:30 pm in Piseco, New York," reports Christopher

Hayes. "I just happened to look up at the right moment. It was such an amazing sight!"

The Train no longer looks as it did on the first night. Individual satellites are beginning to fade they move out into their operational orbits. A typical urban sighting now consists of only 4 to 6 naked-eye objects interleaved by dozens of fainter satellites best seen through binoculars.

The Train is still worth catching, however, because the satellites are flaring. Sunlight glints off flat surfaces on the satellites' bodies, creating flashes of light that briefly rival the brightest stars in the sky.

On May 27th, George Varros photographed a cluster of 4 flares over Mt. Airy, Maryland. "I could see them despite horrible conditions—clouds, humid-

ity, airplanes everywhere. This was a real treat visually!"

Astronomers are understandably concerned by this development. Will 12,000 artificial stars criss-crossing the night sky, sometimes flaring, make deep-sky observing impossible? It's an important question. Keel speculates that the regularity of the flares he observed might mean they're predictable, in which case, big telescopes could learn to avoid them. We'll find out soon enough as SpaceX plans to launch at least two more trains this year.

Ready to see the Starlink Train with your own eyes? Visit Heavens-Above.com and click on "Starlink (leader)" for local flyby predictions.

—*Spaceweather.com*
Newsletter
(via Tom Mills. AF4NC)



High Point Amateur Radio Club
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HPARC JUNE CALENDAR

- 3 — HPARC Club Meeting**
- 6 — D-Day (WWII Invasion of Normandy)
- 8-10 — ARRL June VHF QSO Party
- 14 — FLAG DAY**
- 16 — FATHER'S DAY**
- 15 — ARRL Kid's Day
- 21 — First day of Summer
- 22-23 — ARRL Field Day**
- 23 — HPARC Newsletter deadline

BIRTHDAYS

- Rafael Cruz — June 8
- Dale Waterson — June 17
- Jerry Yarborough — June 17

For W4VEC Test information, call or email David Macchiarolo, AJ4TF, (336) 420-9424, aj4tf@arrl.net

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Breakfast
every Saturday
 —
8:00 a.m.
 —
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